

Children's Newspaper

Every Wednesday—Threepence

FOUNDED BY ARTHUR MEE

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TRACKERS FROM BORNEO

How they helped to outwit the terrorists of Malaya

THE peril from terrorists lurking in the jungles of Malaya is at last being overcome, and for this the security forces have much to thank the Iban trackers from Borneo. These stocky little men were brought to Malaya by the authorities to work with the Civil Liaison Corps in their jungle campaign.

The Iban tracker is a child of the jungle. He knows its ways, and no race in Asia can match the Iban in jungle craft. So during the last few years of Malaya's danger nearly every jungle patrol had an Iban man attached to it.

With his chocolate-brown body decorated in rosette patterns, the Iban moves swiftly and silently along the jungle tracks—and where there are no tracks at all.

He likes to fill his teeth with gold, and to cover them with lacquer. He wears his hair long with a fringe at the front, and sometimes reaching down to his shoulders at the back, or plaited into a pigtail.

NOT A PRETTY SIGHT

He slits his ear lobes and stretches them, so that he is not a pretty sight to meet on a jungle track. He is the modern counterpart of the mythical Wild Man from Borneo.

He was not much good at drill in the Liaison Corps—or Home Guard—nor did he like handling a rifle. But once out in the jungle his knowledge was invaluable. By looking at a trail he could tell exactly the number of men who made it, and how long it was since they had passed that way. A glance at a terrorists' camp would tell him how many men lived there and for how long, even though the camp had been deserted for months.

One mystery of the Malayan campaign has been the food supply of the jungle terrorists. Here again the Iban tracker knew

exactly what fruits and plants were safe to eat, and could easily tell when the terrorists were forced to live off the jungle, and when they were living on stolen food.

The Iban man from Borneo was delighted to volunteer for the Malayan campaign for various reasons. At home he has become a peaceful jungle tracker, but Malaya satisfied his appetite for hazardous adventure. He could then prove his manhood.

He was proud to possess the insignia of the Malayan Home Guard, and the six months away from his Borneo village turned him into a local hero.

He was given £60 for his work, and that meant riches in Borneo. With that he could buy a piece of land and a wife, too; so the Iban man has found wealth as well as adventure in Malaya.

STONE AGE CLOCK

Mr. G. R. English, of Brandon, Suffolk, where there was once a thriving Stone Age settlement, has made a "prehistoric" clock.

He made the case from a block of oak taken from a nearby submerged fen forest; the face is constructed of 100 pieces of cut and polished flint, embedded in clay, which came from the neolithic flint mines near the town; the quarter hours are bone arrow heads; and the hands have been carved from deer's antlers used as pickaxes by Stone Age men.

But to make the clock go Mr. English used an electric movement!



Fairy folk at the seaside

Putting the finishing touches to some of the figures for the Fairyland illuminations at the Tower Gardens, Skegness.

TRUANT IN AN AIRLINER

Four-year-old Gerald Quinn of Bulawayo in Southern Rhodesia jumped on his tricycle not long ago and called out to his grandmother and the African garden boy: "Cheerio, I'm off to fly to Johannesburg!"

They smiled at his little joke, supposing that he was off to the nursery school as usual. They did not know that a week earlier Gerald had been taken to the airport to say goodbye to his three-year-old playmate, Patricia Thompson, who was flying in a Skymaster to Johannesburg.

Gerald had protested at being left behind. Now he pedalled off to the airport and parked his tricycle in the official car park.

Then he waited until the passengers started walking out to the Skymaster, and walked along with them. He mounted the steps into the plane, took a seat, and ordered three ice-cold drinks—with straws, please—from the steward.

The door was secured and the plane was about to take off when the air hostess looked puzzled. There seemed to be one passenger too many! She counted again. Yes, there was an extra passenger!

The Skymaster was held up, and it was not long before poor Gerald was "rumbled."

Sadly he returned to his tricycle—and to school.

ALL IN A FIREMAN'S DAY'S WORK

Firemen of the Huddersfield Fire Brigade were dealing with a fire on the grass of a railway embankment when a message reached them from a distant signal-box that a truck on an approaching goods train was ablaze.

The firemen awaited the arrival of the train, put out the fire, and returned to the burning grass.

In Warwickshire, firemen deliberately started a fire on the main London road at Ryton-on-Dunsmore after a collision between a lorry and a tanker carrying 12,000 gallons of whale oil.

Nearly half the whale oil was spilled over the road, and rapidly began to solidify. The Leamington and Rugby fire brigades arrived, and one fireman suggested pouring petrol over the sticky oil and igniting it. This was done, and the firemen then put sand onto the blaze to control it. In a short time the solidifying whale oil was burned away, and traffic was once more able to pass.

PARTY ALOFT

Michael Weaver of Essendon, Australia, spent his sixth birthday entertaining the 38 members of his class at the local grammar school in an airliner flying over Melbourne and the Victorian coast.

While the aircraft was 6000 feet up, they all had a party.

Rat-catchers come aboard



Sugar-Bush and Mickey prepare to take over ship's cat duties as they are piped aboard the Foudroyant in Portsmouth Harbour by members of the Girls' Nautical Training Corps.

GOOD TURNS BY WORMS

The old saying that even a worm will turn is being given a new meaning in New Zealand.

In the Dominion earthworms by the million are being "harnessed" to till the soil. They are valuable as compost-makers, one worm making its own weight in compost every day.

A unique experiment in tillage by worms is being carried out on a farm at Puhata, where millions of worms were recently released from 40-gallon drums.

These worms are a hybrid species produced in Europe. Half a pound of them was sent three years ago to Mr. and Mrs. Hales of Titirangi, and from this small supply they have bred millions.

The heavy clay of their own farm has been changed by the worms into first-class soil.

On a farm near Auckland scientists have estimated that there are six million worms to every acre. Ten years ago this farm was poor clay land. Now it grows splendid grass.

The farmer, who believes that worms go to a depth of 14 feet, says he never digs his vegetable garden, but just lightly hoes or forks it over, leaving the real work of cultivation to the busy worms.

WHAT'S COOKING?

A farmer motoring slowly through a Sutherland village the other day noticed that he was being followed by a crowd of cats.

On stopping to investigate he found that passing herring-laden lorries had splashed fish oil on his exhaust pipe. The smell of fried fish attracted all the cats in the district.

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PRESIDENT WITH MANY PROBLEMS

CN Diplomatic Correspondent

PRINCES and presidents are thickly hedged about with restrictions. For instance, President Eisenhower's projected visit to Britain, to join in Three-Power talks originally planned for Bermuda, is a quite momentous suggestion.

From the days when he was Commander of the Allied armies in Europe during the war, President Eisenhower has been used to tackling big problems. Yet in the eight brief months since he became President of the United States, he has been faced with problems quite different, but in many ways no less difficult, than those of wartime.

The United States is generally regarded as a democracy run on lines not basically unlike those of Britain. But there are marked differences.

To begin with, our Constitution has never been written down, despite the huge volumes published about it. It has developed through the centuries.

WRITTEN CONSTITUTION

On the other hand, the Constitution of the United States was set down in black and white—intentionally for all time—by the founders of the young republic.

Since then there have been minor amendments; but the principle that the executive—the President and his Cabinet—must concede wide powers of decision to Congress still remains.

A Prime Minister of Britain, or one of his deputed Ministers, can announce policy decisions in Parliament. There they may be questioned, debated, and challenged; but subject to the strength of support given to the Government in Parliament, policy-making and the business of taking decisions is comparatively straightforward.

The Americans have quite a different conception of Government, and their President cannot come before Congress and explain and get approval for his plans in the British way.

That is why so much is heard of Senator Taft, who is the Leader of the Republican Party—the Government Party—in the Senate. His independent views on foreign affairs, independently expressed, have sometimes seemed at variance with those of President Eisenhower.

POWERFUL INFLUENCE

Then there is Senator McCarthy, chairman of a very powerful Congressional Committee, whose outspoken prejudices keep him in the very forefront of American politics, and make him a greater influence in his country than perhaps any Minister is in Britain other than the Prime Minister.

Nevertheless, it is the right of the President to lead national affairs and shape policies, and the qualities which made General Eisenhower such a highly successful military leader stand him in good stead now that he is President Eisenhower and subject to much criticism.

Over the months President Eisenhower has consolidated the popularity and high prestige which saw him elected to the White House; and when he comes to con-

ference with the leaders of the other Western powers, his will be the voice of his country.

Americans generally are firmly convinced that he knows what he is talking about. They have heard him talking, and seen him at close quarters—many millions of them.

Television has made that possible, and it has resulted in President Eisenhower being the best-understood leader the United States has ever had.

His belief that he should lead affairs, but do so through his own Party, is one which gives him particular understanding in Britain. It augurs well for the smoothing away of differences in viewpoint which each democratic nation with free institutions takes for granted, and when he comes to Britain he will be given a welcome that will be memorable.

MODERN YOUNG COLUMBUS

Colin Fox of Osterley, Middlesex, has achieved his ambition to cross the Atlantic in his 23-foot yacht, the Deben Peace.

Although local sailors laughed him to scorn he set out, and with his friend Tony Broom of Oxford sailed through the stormy Bay of Biscay to reach Tangier.

It took them months to patch up the battered little vessel, and when the ship left for Morocco, Colin left his shipmate behind with a throat infection.

Westerly winds forced the ship towards Gibraltar where Colin had a short stay, but he soon reached Casablanca and spent some time revictualling his craft.

For 56 days Colin battled towards the Canary Islands, just as Columbus had done centuries before him, and then his biggest adventure began; he struggled with his engine out of commission over 3000 miles into Nassau, the Bahamas capital.

Colin at last reached the U.S.—although not quite in the way he had planned. He ran aground, or to be exact, he was driven ashore at Ocean City, only 100 miles or so from New York.

PEACEKEEPER WANTED

Sheffield Cathedral has been looking for a "peacekeeper."

This does not mean that there has been any disturbance; it is the title of an ancient office which goes back to the days when the cathedral was a Parish Church.

One of the official's duties was to turn dogs out of the building, another to ensure that the congregation was well-behaved. A staff with which he was provided was intended to arouse members of the congregation if they fell asleep in the sermon.

The title of the office has been retained in recent years, though held by one of the vergers. The wage is £2 17s. 6d. a week.



By the CN Press Gallery Correspondent

WITHIN the not-distant future all American aid to Britain and European countries will end. Defence aid is all that remains of the great and steady flow of Marshall Aid to Britain.

Marshall Aid—so called from the great American general and (later) Secretary of State who devised it—followed the gigantic Anglo-American loan of 1946, which proved inadequate to tide Britain over her post-war difficulties.

It was possibly the greatest act of generosity and friendship between countries in the world's history. And now Britain, glad of an opportunity to stand once more on her own feet, says "Thank you" to the United States.

Money is being voted by Parliament to permit twelve Marshall Scholars to take a scholarship—basically worth £550 to £600—at some British university each year.

American students of either sex, married or unmarried, are eligible for these scholarships if they are graduates of a degree-granting university or college in their own country. The first group will arrive in October next year.

WHEN Sir Winston Churchill's indisposition caused the postponement of the proposed Bermuda conference of the heads of the British, French, and American Governments a meeting of the three Foreign Secretaries was arranged in Washington. This has been called the "Little Bermuda" conference.

Now there is a likelihood that the "Big Bermuda" conference will be held in London. Bermuda itself must be wondering what it is all about.

UNRELATED themes from the Finance Bill debates:

An M.P.: One has to earn £50,000 a year gross to get a net sum of £3000 under the present system of taxation.

The Chancellor: The strange part is that most people who approach me have the same thought—that their own cases are worse than anybody else's.

"It is probably the best written Government-inspired report which has been produced," said an M.P., referring to the Gowers Committee report on historic houses. "A most remarkable fact is the quality of its English—all the more remarkable when, as far as I know, there was not a single Welshman serving on the Committee."

Yes, he was a Welsh M.P.

QUOTES: I myself once rattled my antique bones in a pair of shorts on a frosty December morning from the Mansion House to St. Mary-le-Bow to raise four million pounds for parish churches.—Mr. Hamilton Kerr, M.P.

We in this House (of Lords) are rather "blown upon" in advanced circles for being merely the sons of our fathers.—Lord Harlech.

News from Everywhere

LIGHT SNACK

A goat ate part of the white cloth draping one of the stands at the Kent County Agricultural Show at Maidstone.

A schoolboy has found a copper Carthaginian coin of 300 B.C. in Hardwick Park, Chesterfield. On one side is the head of Tanit, a Carthaginian goddess, and on the other side the figure of a horse.

The Village, a film of the international children's village of Pestalozzi, in Switzerland, has won the Silver Laurel Medal for the picture making the greatest contribution to understanding and goodwill among the peoples.

We Two



Five-year-old Pauline Bullman of Woking, Surrey, grooms her horse Jimmy, with which she won most of the 72 prizes she has received since she began riding when less than two years old.

GIFT TO BIRMINGHAM

Some 400 English water colours and drawings have been given to Birmingham Art Gallery by Mr. J. Leslie Wright of Haseley House, Warwickshire. The collection includes more than 30 pictures by Gainsborough, and works by J. M. W. Turner, Thomas Girtin, and Thomas Rowlandson.

A 46-foot-long machine for knitting lace-wear, just fitted into a factory at Mansfield, can complete 1200 garments a week.

Sculptures and carvings dating from A.D. 386 to 534 have been discovered in grottoes and shrines in south-west Lanchow, China.

TOOLS ON TOUR

A railway coach fitted out like a miniature factory is touring America to demonstrate British-made machine tools in operation.

Dustmen have raised £150 to buy a projection TV set for the children of Paddington Green Children's Hospital, London.

A new type of propelling pencil carries a yard of notepaper in the barrel, suitable lengths being torn off as required.

Hundreds of skeletons of diprotodons, marsupials of prehistoric times, have been found by an expedition in South Australia.

LIFE OF HARMONY

Mr. F. Boam has been for 77 years a member of the choir at Whitwick Church, Leicestershire.

Dozens of eggs put on a refuse heap at Dungannon, County Tyrone, because they were thought to be infertile were hatched by the sun. Children found chicks running all over the road.

Shining fish called Chinese golden orfe have been making their way down the River Annan, Scotland. They escaped from a lake at Castlemilk, Lockerbie, during floods.

The yellow sodium lamps familiar as street lighting may be used in car headlights to reduce glare.

A 325-mile walk organised by a firm of sock manufacturers proved that an average pair of good socks will wear for more than 100 miles without holing.

ALL ABOARD

The superintendent of an Iowa zoo has reported that three large carp, Wynken, Blynken, and Nod, swim around with ducklings on their backs.

The London Federation of Boys' Clubs is to receive the proceeds from the first performance of the Gene Autry Show at the Empress Hall, Earsl Court, next Monday.

St. John's Cathedral, Hong Kong, is to have eight new English bells as a Coronation gift from the Hong Kong and Shanghai Bank. The four original bells were put out of action during the war.

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The Children's Newspaper, July 25, 1953

FOUND AFTER 500 YEARS

Miss Beryl Smalley, a Fellow and History Tutor of St. Hilda's College, Oxford, has discovered the name of John Wyclif (usually spelled Wycliffe today) erased more than 500 years ago, on a manuscript in the Bodleian Library.

From this she followed a trail which has led to further manuscripts at Magdalen College and another one at St. John's, enabling her to prove that all formed part of a Commentary on the whole Bible which was not previously known to have been written by Wycliffe.

Miss Smalley noticed the erasure when she was studying the manuscript for a book she is writing on medieval Biblical commentaries. Under an ultra-violet lamp the name Wyclif was clearly visible.

Miss Smalley explained that the name must have been removed towards the end of the 14th century, after the Church had declared Wycliffe's writings heretical and ordered them to be destroyed.

COPPER FROM THE SEA-BED

More than 160 tons of pure copper, recovered from a ship sunk off the south coast of Ireland in the First World War, has been discharged at Cork by the salvage vessel Lifeline.

Almost 2000 tons of copper, which is valued at about £190 a ton, is still in the sunken vessel, and the salvage ship is continuing its work of recovery.

PLAYFUL SEALS

Baby seals are again finding it much more fun to play on the beach at Hunstanton than to stay on their sandbanks in the Wash.

The trouble is that once they have been fed and made a fuss of they do not want to return to their parents.

The beach inspector there recently packed one off home by boat. It was dropped a mile from the shore, but was back within an hour. Altogether it had to be taken out five times before it finally kept away.

THEIR SUDDEN WHEEZES

The American woman who invented the windscreen wiper, Miss Mary Anderson, died not long ago in Tennessee.

The idea came to her when riding in a draughty tram on a cold day. The driver had his windscreen open because it was obscured with snow. Her windscreen wiper, hand operated, was patented 50 years ago.

Another American who got an idea on the spur of the moment was the man who is said to have invented bedsprings—a blacksmith named James Liddy of Watertown.

In 1853 he was riding over a rough road in a horse-drawn buggy, and as he bounced up and down on the seat cushion, which contained coil-springs, it occurred to him that a mattress borne on coil-springs would make a more comfortable bed than one supported by ropes. He went home and made a bedspring.

The centenary of his invention was commemorated this year in his native town.

BILLY IS LEARNING HIS LESSON

Billy, a ten-month-old budgerigar, is the constant companion of Mrs. Targus, an invalid lady in Leeds. One day Billy flew out of the house, and although a letter was put in the local press, few people thought he would ever be seen again.

Almost a week later, however, two boys saw a budgerigar being attacked by sparrows. After rescuing him and hearing him say "Pretty Billy Targus," they remembered the letter they had seen in the newspaper.

Now Billy is being taught to say his name and address.

THEY ALSO SERVE . . .

Some of the boys at The Leys School, Cambridge, act as waiters owing to the difficulty of getting staff. As these duties carry with them an addition to their pocket money, there is no lack of volunteers.



New roof for an old church

The 15th-century church of Ringsfield, one of the few Suffolk churches with a thatched roof, is here seen being re-thatched for the first time in 70 years.

RAINBOW CORNER

The CN recently referred to a piece of apparatus used in the leather industry which registers 5000 different colours.

We now learn from Mr. G. J. Chamberlin, managing director of the Tintometer company of Salisbury, that this figure was an understatement, and that the unique Lovibond Colour Scale made by his firm distinguishes more than three million shades.

We gladly pass on this information from Mr. Chamberlin, who says that he has been a reader since No. 1 of the CN, and that his own children now read it.

PROVING A THEORY

An Italian expedition has gone to Africa to look for fresh evidence that Africa was once joined to Asia by a continent stretching across what is now the Indian Ocean.

This expedition of four men, known as the Italian Zoological Expedition, is to make a tour round the islands of Madagascar, the Comoros, the Seychelles, and the Laccadives, for they believe them to be the remains of this submerged southern continent.

The party will make detailed examinations of the fish in these waters, for clues may be gained from them.

FISHERMEN'S TALES

Inspecting his fishing nets, Mr. Frank Catchpole of Kessingland, on the East Coast, found a tortoise, apparently brought up from the sea.

Another unusual catch was that of a swift by 12-year-old angler Brian Harrison. He was fishing at Lakenheath, Suffolk, when it flew into his line and became tangled up. It took Brian a quarter of an hour to release the bird, but it flew away none the worse for its experience.

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Ask your newsagent to reserve a copy for you each week, and so avoid disappointment.

DEGREES BY TELEVISION

Eight American universities are providing regular television courses in such subjects as science, philosophy, languages, literature, history, psychology, and musical appreciation. Students taking these courses at home can count them towards their degree.

The courses are screened during the day by ordinary commercial stations, and examiners are sent by the universities concerned to the homes of students who, for various reasons, are unable to attend the colleges in person.

A recent survey undertaken by the Western Reserve University, the pioneers of TV degrees, showed that upwards of 1000 students were taking the various courses. Apart from these, however, 10,000 people were buying the text books approved for the courses, and sometimes the audiences rose to 50,000.

TROUBLES OF THE TALL

A club for tall people—men over 6 feet and women over 5 feet 8 inches—has been formed in Yorkshire to help to solve the problems of securing from shops large-size ready-made clothes, and larger boots and shoes.

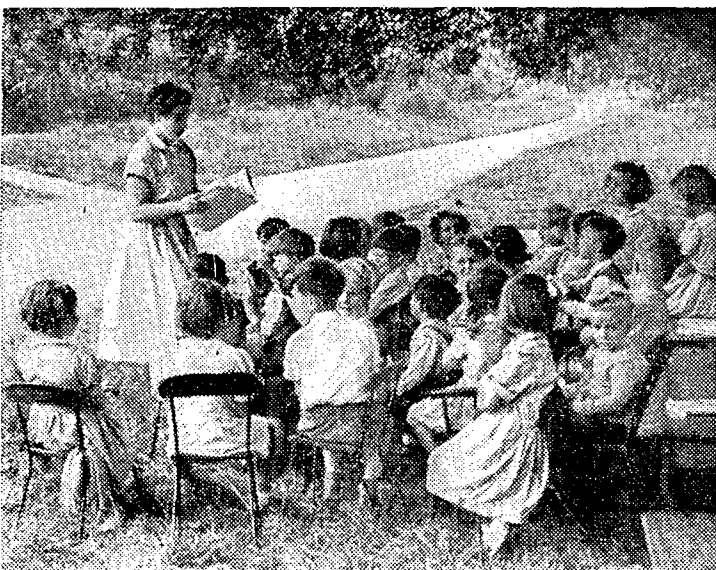
The club, which is known as the Topliners Club, already has members of 6 feet 5 inches and 6 feet 3½ inches enrolled, and there are believed to be many more outside candidates who will join.



Caley Tray

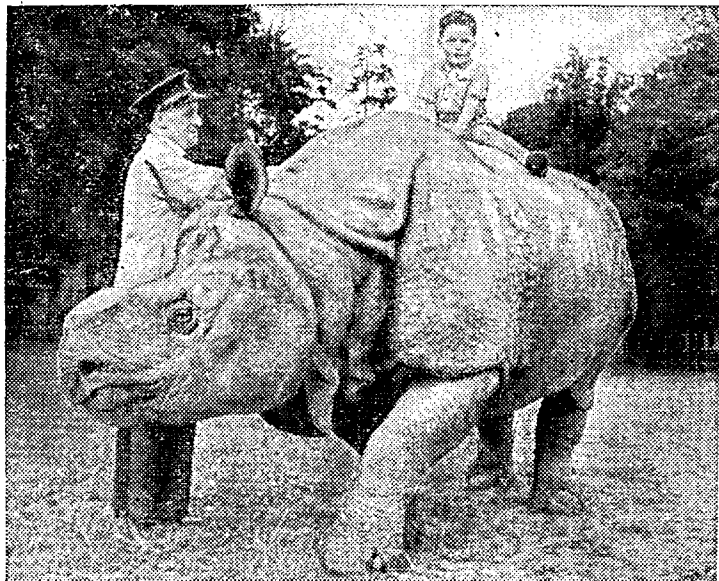


A. J. CALEY OF NORWICH



Class in a village street

On warm, sunny days schoolchildren at Deerhurst, Gloucestershire, take lessons in the shade of trees lining the village street, as seen in this picture of an infants' class.



Ride on a rhino

Perhaps not every boy would welcome the chance of sitting on the back of a great rhinoceros, but David Kynaston of Beckenham, Kent, does so once a week when nine-year-old Mahan of Whipsnade Zoo has a wash-and-brush-up.

THAT THE BLIND MAY SEE

From a Special Correspondent

A special campaign against trachoma, a disease of the eyes which causes blindness in many hot countries, is now beginning in Morocco. The campaign is being carried out with the help of WHO and UNICEF.

Marrakesh, the chief city in the south of Morocco, is the centre of the campaign, for it is in the country districts beyond the Atlas Mountains, not far from the Sahara Desert, that trachoma is most prevalent, and in these remote districts there are few hospitals.

If people, especially children, are taught simple methods of hygiene a good deal can be done to stop the spread of the disease; and to prepare for the big United Nations campaign the peasant people of south Morocco have been shown special films in the open air.

THEIR FIRST FILM

Many of the people have never seen a film, and the French doctor who is directing the campaign told me of extraordinary scenes when the mobile van arrived to give a film show. A moonless night had to be chosen, but long before sunset hundreds of people, men and women and children, could be seen coming down the mountain slopes or across the plains.

By the time the show was ready to begin about 10,000 people had assembled. But because a film

is quite new to the audience the first film shown would be something quite simple and of familiar things, like their own camels and goats.

Told to come again the next night they needed no second bidding, and this time they saw a film showing them what can be done to prevent trachoma or to cure it. They were told, too, of the coming United Nations campaign.

What might be called a clinic on wheels, together with doctor and nurses, will arrive, and every child, whether sick or well, must be brought, and all grown-ups with eye trouble.

TENT HOSPITALS

Although the majority of the doctors and nurses with these travelling clinics are French or Moroccan, there are some from other countries, including an English eye specialist. Most of the sick people can be treated with medicines, but the worst cases may need an operation. For such people, if there is no cottage hospital near enough, special tent hospitals will be set up.

Next year the special United Nations' campaign will be taken to all the schools of Morocco and every child will be examined and, when necessary, treated for trachoma. When the campaign is over it is hoped that the number of blind or partly blind will greatly decrease.

NOT MUCH ROOM FOR T V

Are we to have a choice of television programmes in the near future, including programmes sponsored by advertisers? It seems unlikely from the report of the Postmaster-General's Television Advisory Committee, which draws attention to the shortage of suitable wavelength channels.

Wavelength Band I is almost completely occupied by the present stations; Band II is too narrow and is used for experiments in sound radio, leaving Bands III, IV, and V for television. But Band III, which embraces VHF (very high

frequencies), though it could contain all the TV stations necessary for alternative programmes, is largely filled with police and navigation signals and business messages.

Could it be cleared? The Committee advises this, but the Postmaster-General says the change would take some time.

As for Bands IV and V, these are UHF (ultra high frequencies) which could find room for hundreds of TV transmitters, but experimental knowledge of them is limited.



By Ernest Thomson, our Radio and Television Correspondent

Zoo night

ON Thursday, July 30, Ludwig Koch, who has spent half a lifetime recording nature sounds, offers us A Night at the Zoo.

This really means the BBC Recording Library, for the songs, squawks, hoots, screeches, and roars of birds and animals have all been recorded there.

As our Zoo Night is not being broadcast until 10.20 p.m., it will be repeated for young listeners on Sunday, August 16 at 2.20.

Ear for eagle

ERIC SIMMS, who succeeded Ludwig Koch as the BBC's "bird man," is expected back soon from the Cairngorm Mountains of Scotland. Using tape recording gear he has already captured the call of the peregrine falcon.

Before starting on his expedition he told me that his ambition was to record the golden eagle, which is silent except when flying about 1000 feet over the glen. Such a high-flier, said Simms, can be recorded only with the aid of a parabolic reflector, rather like a giant saucer with a microphone in it.

Snowdon aids T V

By mounting a tiny relay station on the summit of Snowdon, TV engineers have ensured that, for the first time, the National Eisteddfod will be televised.

On August Bank Holiday viewers will see and hear a concert by the National Youth Orchestra of Wales in the Eisteddfod Pavilion at Rhyl, followed next day by the Crowning the Bard ceremony, an interview with the Archdruid Cynan, and a children's concert.

The pictures will be beamed along the North Wales coast, picked up by directional aerial on Snowdon's summit, and passed on to the distant but visible aerial mast of the Northern TV transmitter at Holme Moss.

Close-up

THE Snowdon success points to a time when we shall enjoy views from the mountain by T V.

The BBC is now using a new camera lens of 80-inch focal length, doubling the magnification of a type which has been giving remarkable results this summer. The earlier 40-inch lens was said to "spot a fly on the nose of a man half-a-mile away." An 80-inch lens on Snowdon would range over at least half of Wales.

No waiting

THE fastest-moving people in London on Saturday evening will be Miss Valentine Brittain and her assistants in the BBC Gramophone Library. They will be answering requests from the queue at the Royal Albert Hall for the opening night of the "Proms."

Announcer Franklyn Engelmann will ask waiting enthusiasts to choose items for their ideal Prom concert. Selections will be telephoned to Broadcasting House and the records broadcast in the Light Programme within a few minutes.

MAKING A NEW TOY FOR BRUMAS

By Craven Hill, C N Correspondent at London Zoo

AN unusual job for the Zoo's Works Department is to make a large wooden ball. It is to be a plaything for Brumas, the 3½-year-old home-bred polar bear.

The ball must be light enough for the young bear to knock about, but not so small that it could be taken in the mouth, where it might get jammed behind the teeth. It is being fashioned of teak, one of the stoutest and most durable woods.

"A ball has always been Brumas' favourite toy—she knocks it about endlessly over the rocks," one official told me. "Unfortunately, her present one has had such rough treatment that it is likely to fall in half!"

ONE of the proudest men in the Zoo today is Headkeeper Hubert Jones of the waterfowl section, who has been awarded the Society's bronze medal.

This distinction, given only on very rare occasions to members of the menagerie staff, is being awarded to Mr. Jones for his outstanding success in rearing Prince, the nine-months-old King Penguin, the first of his kind ever reared at Regent's Park.

Prince recently completed his first moult, and though his adult plumage is not yet quite as colourful as that of his mature companions, it certainly looks smart enough.

The completion of the moult has brought about an astonishing change in the young penguin's habits. Previously he would never go near the water, and to keep him clean Mr. Jones had periodically to hose him down. Since he acquired his new plumage, however, Prince has taken to the water with such enthusiasm that he now spends more time in it than out of it.

It has been estimated that Prince now weighs about 30 lbs. But over at the Bird House there is another new bird arrival whose

weight is only about a quarter of an ounce! This is a Black-tailed Sapphire humming-bird which has arrived for the humming-bird exhibition from an unexpected quarter.

Normally, these tiny avians from Brazilian jungles are sent over by air in batches. The newcomer came alone, and in very unconventional fashion.

It was acquired at Recife, Brazil, by a KLM Airline pilot, who intended it to be a gift for his wife. He brought the bird home with him, housing it in a small wicker basket which he kept beneath his knees throughout the flight.

On reaching England, he took the bird to his home at Thorpe Bay, but found difficulty in providing it with a flight aviary large enough for its needs; and, of course, there was the food problem also.

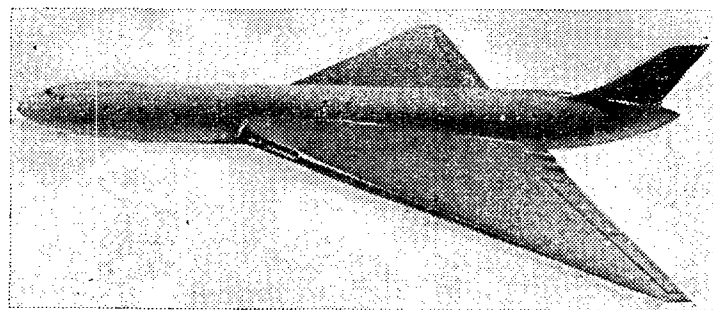
Just then, he heard of the Zoo's collection of humming-birds—a special Coronation year attraction. Deciding that it would be happier among its fellows in the 50-foot-long flight aviary at Regent's Park, he presented it to the Society, who were glad enough to accept it, for it is the only representative of its variety among the 30-odd specimens in the aviary.

OTHER interesting new arrivals are four of the youngest hedgehogs ever seen in the Zoo.

Only a few days old, with pale-coloured soft spines, the family was found by Dr. Thrower, of Theydon Bois, near Epping. Watch was kept, but as there was no sign of the mother hedgehog, Dr. Thrower decided that prompt action was needed if this very immature family were to be saved.

So, putting the babies into a cloth-lined box, he sent them to Regent's Park. They have been put in the Children's Zoo, where the hostesses are feeding them on warm milk given with a miniature feeding-bottle.

PLANES FOR THE SPOTTER'S NOTEBOOK



41. Avro Atlantic

Most of the components of the projected Atlantic airliner (although it is closely related to the Vulcan medium bomber) are of entirely new design. The delta-shaped wing will be larger than that of the Vulcan, and the long, thin fuselage will be similar in outline to that of the Bristol Britannia.

This remarkable airliner will cruise at a speed in excess of 600 m.p.h. at 40,000 feet, and will fly

nonstop between London and New York in 6 to 7½ hours westbound and 5 to 5½ hours eastbound—depending upon the strength of the winds encountered.

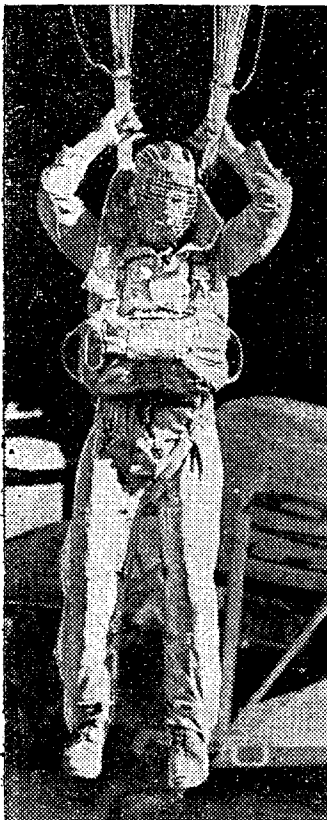
The engines of the Avro Atlantic will be four Bristol Olympus turbojets, each developing 10,000 lbs. thrust.

All the fuel will be carried in the thick delta-wing, and baggage and freight will be carried in two underfloor compartments. Span: 121 feet; length: 145 feet.

The Children's Newspaper, July 25, 1953



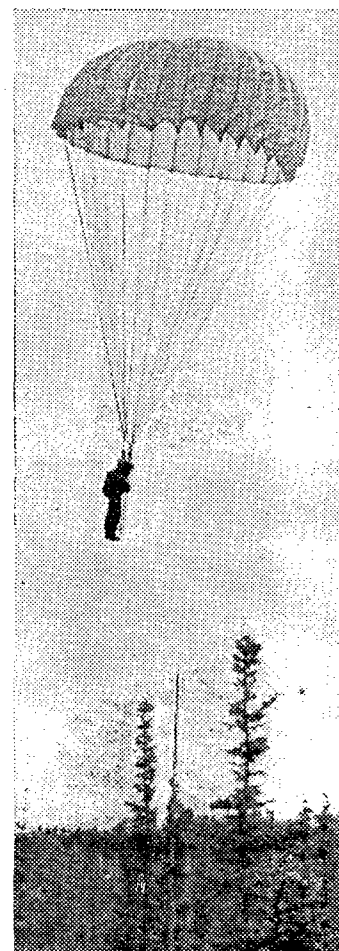
Fully equipped with two parachutes, protective clothing, and face-guards, a crew scrambles into an aircraft



Parachute training in a hangar at headquarters



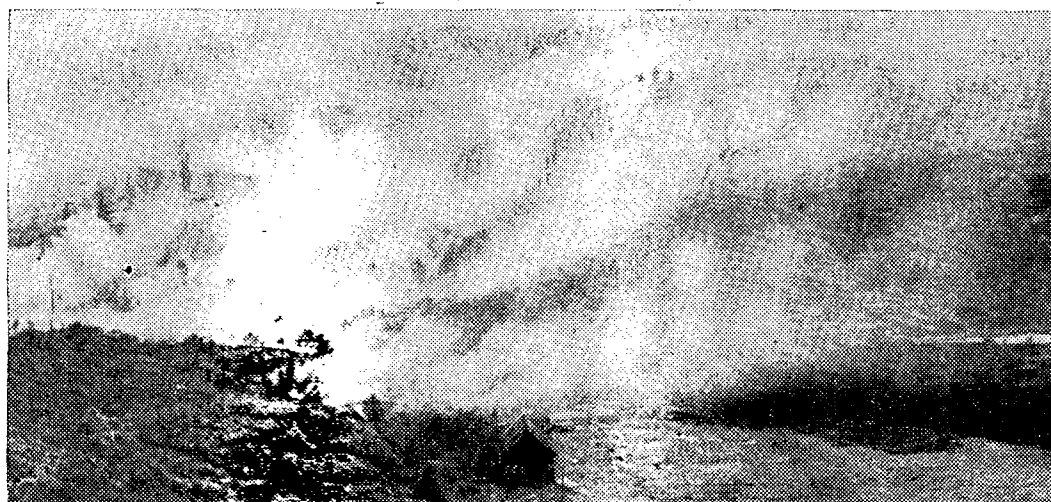
At a height of 2000 feet a Smoke Jumper leaves the aircraft which has flown him to the scene of a fire



About to land in densely wooded country



Fire-fighters keeping fit for their arduous job



Flames nearing a small Canadian settlement—the kind of fire the Smoke Jumpers are trained to fight

CANADA'S FLYING FIRE-FIGHTERS

THIS is the time of year when North America's forest fire-watchers, often patrolling in helicopters, are anxiously looking out for something they hope they will not see—a cloud of smoke.

Forest fires in the U.S.A. and Canada are often on a vast scale. The smoke from several of them at once has sometimes combined to darken the sky over more than half the entire United States, and cities have seen smoke rolling over them from fires far away in Canada.

It is estimated that they cost the United States 1000 million dollars a year. Last summer a million acres of woodland were burnt out in less than a month in the eastern states.

The fire-fighters use planes to reach the scene, and keep in touch with headquarters by radio. They have certainly reduced the menace since 18th-century days, when forest fires devastated millions of tree-clad acres and killed many people.

In the Canadian prairie province of Saskatchewan, a team of fire-fighters has been trained in parachute-jumping to enable them to tackle forest fires in remote areas.

This airborne fire-fighting crew has become an important part of the province's expanding fire-control organisation. The value of the Smoke Jumpers, as they are known in the province, lies in their ability to fly to forest fires before the flames get out of control.

The Smoke Jumpers usually go into action against fires in areas which are not easily accessible to fire-fighters on the ground. They try to extinguish small fires and to keep more serious ones under control until larger crews can reach the scene overland.

THE Smoke Jumper team consists of a Jump Master, two Crew Leaders, and two crews of four men each. They are given three weeks' intensive training every Spring and receive instruction in all aspects of forest fire-fighting. They learn the proper care and use of equipment, and how to take care of themselves in bush country.

An aircraft fitted with pontoons carries the fire-fighters to the scene of action. The men, who jump from a height of about 2000 feet, carry two parachutes and wear heavy snag-proof reinforced clothing, helmets, and face-protectors.

Their field equipment includes axes, shovels, tents, fire-fighting equipment, two-way radios, and ration boxes. These are dropped from about 150 feet without parachutes.

The most rigorous part of the men's work usually comes when they have extinguished a fire. Carrying 100-lb. packs on their backs, they may have to trek many miles over rough country to the nearest lake to be picked up by their aircraft, for in northern Saskatchewan the lakes and rivers often serve as landing-strips.

Children's Newspaper

John Carpenter House
Whitefriars · London · E.C.4
JULY 25 1953

ADVENTURE FOR YOUTH

HUNDREDS of young British students are now looking forward to spending a year and more in the United States under the Fulbright plan. A similar flow will soon move towards Britain from America under the same imaginative scheme.

The money for the Fulbright plan comes from the sale of surplus United States war supplies. Senator Fulbright urged that some of the proceeds be used for the service of youth. He argued that if young people were given facilities for travel and study in other lands all the world would benefit.

This was a magnificent conception which will reap rich dividends in the future. It is the best kind of peaceful adventure.

To complete this noble vision the Commonwealth Youth Council is asking that a similar scheme be arranged between Commonwealth countries. "Only the money is lacking," said one speaker at its conference in London.

Here surely is a piece of pioneering worth tackling for the well-being and future of the Commonwealth. Let youth travel and mingle in countries far beyond the shores of their own land, let them see for themselves how other peoples live and work. Only good can result.

Under the Editor's Table

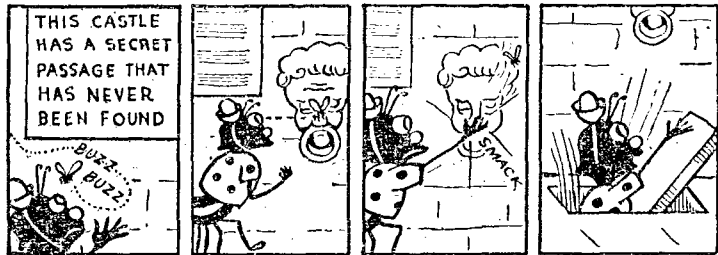
Some holiday hotels offer joint hospitality to guests and their dogs. The dog gets the bone.

A boat is being used as a school. A sort of scholarship?

Armchair critics are the hardest to please. Perhaps they would prefer a settee.

Some schoolboys are taught how to make out an electricity bill. They ought to be taught how to reduce it.

BILLY BEETLE



The Editor's Table

Healthy mind in healthy body

PHYSICAL education, once a Cinderella in the school curriculum under the rather despised nickname of "Physical Jerks," has for some time been recognised as having an essential place in the training of youth.

Speaking at a recent conference on this subject, Mr. Howard C. Cooksey, Principal of a teachers' training college at Chelsea, said that the spirit, mind, and body of a child grow together, interacting upon each other: they cannot in life be treated separately.

"He who was once called the physical training instructor," said Mr. Cooksey, "must be no less qualified than any other teacher. These men and women have a vital contribution to make in every school."

An American speaker at the conference pointed out that the physical educator can add to the character of the individual; contributing to it a sense of confidence and self-reliance.

Making visitors welcome

BRITAIN'S dollar earnings from United States tourists here increased by 20 per cent during the year ending March 1953, while our exports of goods to America increased by only five per cent.

The tourist industry is our greatest single earner of dollars, and the sum brought us by all our overseas visitors in this Coronation Year is expected to be over £125 million.

In spite of this success, the British Travel and Holidays Association considers that only the fringe of what is possible has been reached, and calls on all concerned for greater efforts to please and attract yet more holiday-makers from other lands.

NOT IN VAIN

PRIVATE GABREMICAIL TUMBO of the Ethiopian Army lost a leg on active service last year while serving with the United Nations Forces in Korea.

When he arrived back in his native country it looked as though he would have to pass through life on crutches.

Thanks to the good offices of various international welfare organisations, however, he was taken to the United States to have an artificial leg fitted and to be instructed in its use.

Today Tumbo is back in Ethiopia and about to resume the peaceful life for which he fought for others to enjoy.

Many believe that peace will soon come to Korea. When it does, the sacrifices of men like Tumbo will not have been in vain.

Village signs—7



The village sign at Litcham, Norfolk, was erected to commemorate the Coronation of George VI in 1937. It also serves as a notice board, thus preserving the link with the town cric in the model of the village at the top of the sign.

Think on These Things

SCHOOLS always delight in praising former scholars whose achievements shed lustre on their Alma Mater.

Charterhouse School honours famous scholars by singing a song praising their achievements, and in one verse are the words

Wesley, John Wesley, was one of our company,
Prophet untiring and fearless of tongue.

Down the long years he went,
spending yet never spent,
Serving his God with a heart ever young.

John Wesley changed the history of England by his determination to tell people of God's love. That resolve he learned at school. Early every morning he ran three times round the school green, a distance of a mile, because he had resolved to keep fit in mind and body.

He became a leader of men, but he first mastered himself, and in all kinds of weather kept a self-made promise to run round the school green three times each morning. He learned at school the way to being a man. F. P.

JUST AN IDEA

As J. A. Froude wrote: Experience teaches slowly, and at the cost of mistakes.

Pooling resources at Poole

SCHOOLGIRLS at Poole in Dorsetshire have achieved some remarkable team work for the Savings Movement.

They run their own paper, The Savings Post, in which they record their thrifty activities, and give news of Old Girls who have found their savings useful in their careers, or on setting up home.

The girls belong to the Kemp Welch Secondary Modern School, 490 and more of whose 560 pupils are regular savers. They also maintain an "Odd Copper Club" for those who can only bring occasional pennies. Since 1940 the School has saved over £25,000.

Cricketers' dinner

WHEN the Australian cricket team had dinner at a provincial hotel the menu read:

WATSON THE MENU?

Hors d'Over
Fine Leg chicken soup
Toad in the Hole
Hammond eggs

Trent Bridge salmon
Lambert chops with Bailey sauce
Roast leg of Hutton with
Yorkshire relish

Potato Ovals
Plums Warner
Hotel Speciality—Duck with
Brown Graveney

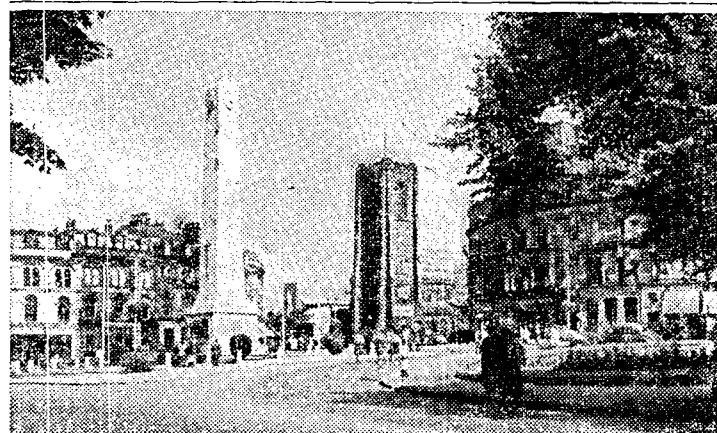
Note: If there are any other dishes you require please Statham
"And so to Bedser"

Thirty Years Ago

THE Australian Parliament has voted that its next meeting shall be held in the new capital, Canberra.

For a long time this step has been under discussion and in preparation. A certain amount of rivalry has existed between Melbourne and Sydney, the two chief cities of the Commonwealth, and a somewhat more central position than either has been selected by the appropriation of an area of 940 square miles, called the Federal Capital Territory, in New South Wales.

From the Children's Newspaper,
July 28, 1923



OUR HOMELAND

The War Memorial and St. Peter's Church, Harrogate

THEY SAY . . .

A TRUE sense of proportion not only keeps man's concerns with others in the right size and shape, but goes a long way to removing misunderstanding and quarrels.

The Archbishop of Canterbury

THE way to achieve peace is merely that people, organisations, and nations through Governments should be willing to behave themselves as well as they do as private citizens within their own country.

Mr. Herbert Morrison, M.P.

THERE is, both in Britain and the United States, a great lack of knowledge of the life of the ordinary people in the other country, and there is a great thirst for information.

Lord Rochdale

I WANT to see part of the land kept in its natural state for children to play their cowboy games without being hounded out for spoiling the grass. Freedom is their heritage.

Councillor Mrs. A. L. Hamilton of Nottingham

THE chances of a G.I. returning home single from England are extremely small. Here is a wonderful chance of sending back each year many goodwill ambassadors on our behalf.

Lord Montagu of Beaulieu

MANY modern methods of teaching are extremely good, but I don't want to see these methods replace teaching from books.

Miss Florence Horsbrugh,
Minister of Education

Out and About

Do not believe the silly stories that an earwig will bite or do damage by creeping into your ear, though it often gets indoors, and may be over-abundant in the garden. It is useful, for it feeds on pests like greenfly, moth-eggs, and grubs. It does, however, also like some flower petals.

Without looking closely you may not notice that the earwig has two pairs of wings tightly folded in horny sheaths under the body. It is a question when the insect flies, and uncertain if the big forceps or nippers at the rear end are for any other purpose than packing its wings up, but it might seize a smaller insect with them. It is worth while to watch for evidence.

C. D. D.

LEARNING TO BE A FARMER

Continuing the story of the progress of young Ian Farley, who has won a scholarship to an agricultural college.

7. Holiday back on the farm

IAN FARLEY spent the four weeks' holiday he had from the Agricultural College on Mr. Waring's farm, where he had at one time been a pupil.

It was not a holiday in the true sense of the word, for he was working like one of the ordinary farm men and, for the first time, getting paid for it!

For the first day or two the farm men took great delight in joking with Ian about what he had learned at College, and, as all farm workers will, making fun of what they called "book learning" as applied to farming.

"You can't learn to farm out of a book, young Ian," said old Bob the cowman. "You've got to learn by experience."

"That may have been true at one time," answered Ian, "and I agree that you must have wide practical experience to be able to farm properly; but all practical experience is obviously much better for some scientific knowledge to back it up."

"Bah! Scientific knowledge, my foot!" said old Bob.

DROP IN MILK

"I'll tell you what, then," said Ian excitedly. "You know there's a lot of mastitis in the herd just now, and you were worried about the drop in milk yield due to it? Well now, how about letting me put into practice something I've been taught about the disease at the College? Then we'll see whether my scientific knowledge will do what all your years of experience has failed to do."

"All right, Ian," said Bob. "But I've been dosing the cows against it for months with penicillin, and I just seem to be getting it under control when up it comes again, sometimes in two or three cows at once. So I don't see what else you can do."

Ian asked Mr. Waring for permission to carry out his plan that same evening.

"By all means, Ian," said the farmer, "and I don't care how

much it costs, either. I reckon the disease is costing me all of £10 a month in lost milk."

"All I'll want is some disinfectant," said Ian, "and, of course, some co-operation from Bob!"

The next day the campaign was started. First of all Ian explained to Bob all he knew about the disease.

"It's like this, Bob," he said. "The germ which causes mastitis lives on damaged tissues inside the cow's udder, so the obvious thing is to prevent the udder from being damaged. This damage is usually caused by leaving the milking-machine on too long. So in future, as soon as the milk stops flowing, off comes the machine."

PENICILLIN CURE

"So much for prevention. Now, four cows have got the disease at the moment, so we'll treat them with penicillin. That will cure them in time, but until they're cured we'll milk them last of all to prevent the germs being carried on to the healthy cows by the machines."

"As an extra precaution we'll dip the milking-machines in disinfectant after each cow has been milked."

Bob fell in readily with Ian's plan, and no one was more pleased than he and the rest of the farm men when, after one week, the four affected cows were cured, and after three weeks there had been no further outbreaks.

Mr. Waring in particular was pleased. As Ian was leaving to go back to College, he said:

"It looks as though we'll have to take back all the jokes we made about you coming and teaching us how to farm, Ian, because there's no doubt that that's just what you have done!"

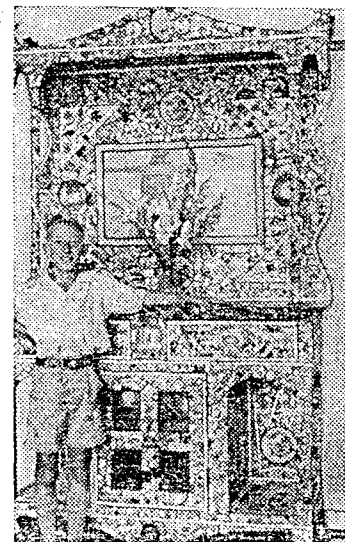
"Just doing that doesn't make me a farmer," replied Ian, "and you know it. I'm afraid I shall be coming to you for help and advice much more often than you'll ever come to me."

Furniture from the rubbish heap

Most people discard broken cups and saucers, but in the home of Mrs. Constance Walter, of Johannesburg, smashed crockery has been made into a wonderful sideboard, a flower vase, tables, brackets, and picture frames.

This beautiful furniture grew from a hobby of Mrs. Walter's father-in-law. He used to spend his leisure time searching among the municipal rubbish dumps for gaily-coloured bits of broken crockery and porcelain. These he washed thoroughly and trimmed into desirable shapes with a set of bootmaker's tongs.

On a frame of three-ply wood he spread a layer of putty, sand, and cement, and then pressed into the mixture the various patterned bits of crockery. He allowed the cement to set hard, rubbed down the surface with emery paper, and then etched the joins with fine sculptor's paint.

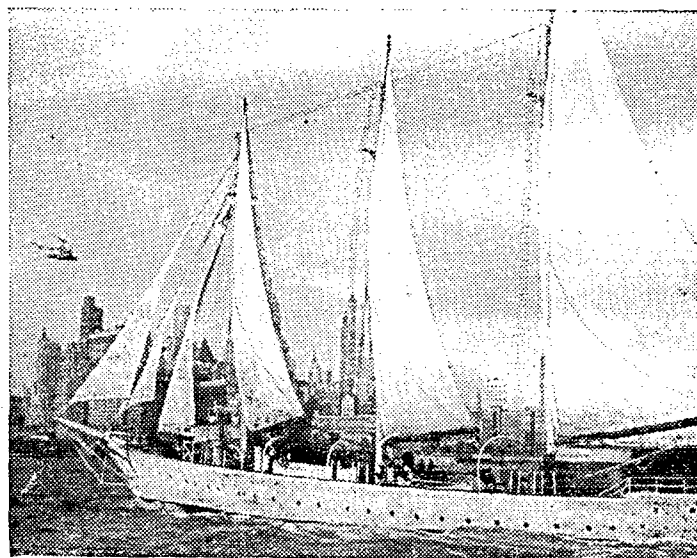


A sideboard ornamented with broken china

EUROPE'S OLDEST SILVER MINE

Europe's oldest silver mine may have to close. Started in the year 1623, the mine at Kongsberg, Norway, has yielded nearly three million pounds of silver.

At one time 4000 men were employed, but latterly, as the supply of silver is running out, only 160 have worked there.



Gulf of Mexico Never Dry

The research ship Vema, with 12 Columbia University scientists aboard, is seen in the picture above as she returned to New York after spending two months in the Gulf of Mexico.

One of the expedition's tasks was to discover whether the Gulf has always been a body of water,

or whether it is sunken land that was once part of the North American continent.

The answer, it seems, is that the Gulf has always been salt water.

This conclusion was drawn from studies of the type, depth, thickness, and general contours of rock and sediment on the Gulf's bed.

ROYAL RIVER PAGEANT

The Thames (or London River, as seamen call it the world over), has its own Coronation celebration this Wednesday, with the Queen and the Duke of Edinburgh reviewing a Royal River Pageant of 200 vessels and 5000 people, which will pass them at Royal Festival Pier, South Bank, at 11.30 a.m.

The head of the procession will leave Greenwich at 10 a.m., and will take about an hour to pass any point.

The Royal River Pageant will consist of seven sections, headed by the Lord Mayor's procession, with trumpeters, Sheriffs, the City Corporation, mayors of riverside boroughs, and members of the City Guilds. Then will come the turn of the Navy, Army, Air Force, and Civil Defence.

The historic tableaux on towed barges illustrate 12 episodes selected from the Thames's rich history. Examples are King Olaf attacking the Danes in London in 1013, Anne Boleyn escorted from Greenwich to the Tower (where she was later executed) for her

Coronation in 1534, and Handel writing his Water Music for George the First.

One section is devoted to Youth and the Merchant Navy, and ships' lifeboats under their own power will be provided by Sea Cadets, Sea Scouts, and Nautical Training Establishments, as well as by many shipping companies.

Another section shows decorated craft with tableaux representing Dominion countries trading with London, and some of the industries connected with the port—timber, coal, tea, grain, and oil. The River Services are sending tugs, canal boats, and barges gaily decorated overall; and private craft, bringing up the rear, will include some of the little boats which went to Dunkirk.

The Lord Mayor of London, Sir Rupert de la Bere, was chiefly responsible for the idea of a Coronation pageant in recognition of the Thames's importance to the nation. Sir Alan Herbert provided the original theme of the pageant.

Empire Mosaic—38

by Ridgway

TEA PICKING

Tea is by far the most valuable of Ceylon's products. The plantations are at various elevations from sea-level to 6000 feet. Ceylon's yearly crop averages about 300,000,000 lbs.

HA'AMONGA

Most imposing of the ancient monuments in Tongatapu, largest of the Tonga Islands, is the Ha'amonga, which consists of two huge coral blocks 16 feet high with a third block 19 feet long. The visible parts are estimated to weigh 30 to 40 tons.

BLACK SWAN

Australia is the home of the black swan, which is found on almost every coast and river. It is slightly smaller than the white swan, and the cygnets (which are hatched in mid-winter) are dusky-coloured.

JUJU

In Nigeria the juju is believed to contain a spirit which can bring good or ill fortune. A nail is banged into the roughly-carved wooden figure every time a petition for favours is made to the spirit.

CORONATION PROMS

Young "Prom" enthusiasts are eagerly studying the programme for the 59th season of Henry Wood Promenade Concerts at London's Royal Albert Hall which opens on July 25 and lasts for eight weeks.

A feast of good music is spread before them. The orchestras are to be the BBC Symphony, the London Philharmonic, the London Symphony, the Royal Philharmonic; and the conductors, Sir Malcolm Sargent, Sir Adrian Boult, and Basil Cameron. In Guest Week, August 24 to 29, the Hallé Orchestra is to perform under Sir John Barbirolli.

Appropriately, in this Coronation Year, nearly a quarter of the works are by British composers, some of them new compositions. But the well-loved classics will, of course, be there in plenty: Bach, Beethoven, Brahms, Handel, Haydn, Mozart, Sibelius, Schubert, Tchaikovsky, Wagner, Weber, and several others equally dear to the music-lover's ear.

This unique series of 49 concerts at moderate prices—the Promenade is only 2s. 6d., or 50s. for a season ticket—should attract still more recruits to the faithful army of Prom lovers.

BUILDING HIS OWN BOAT

In the back garden of his house at Kirkstall, Leeds; 23-year-old Michael Turnbull has built a 15-foot cabin cruiser, which he has launched on the Leeds and Liverpool Canal.

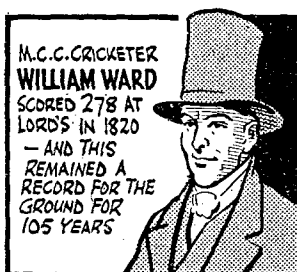
Michael took 18 months to build the six-seater boat, which has a 10 h.p. engine and is capable of a speed of 20 m.p.h. He is planning to cruise on the Ouse and the Trent before the end of the year, and next year he hopes to sail along the East Coast. In good weather he might even cross the Channel.

Michael now has plans for building a sea-going cruiser in which he can travel abroad.

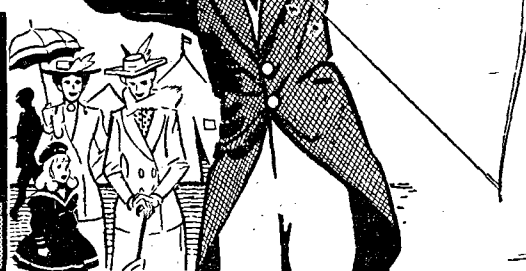
IN THE SUMMER OF 1902 THE MANNINGHAM RUGBY FOOTBALL CLUB (BRADFORD) WAS DESPERATELY SHORT OF MONEY...

FUNDS WERE RAISED BY AN ARCHERY TOURNAMENT; BUT MANNINGHAM DIED AFTER ALL, BECAUSE THE ORGANISERS DECIDED TO USE THE MONEY TO MAKE A FRESH START—AS A SOCCER CLUB.

THE CLUB WAS BRADFORD CITY, WHO, IN THE NEXT NINE YEARS, REACHED THE FIRST DIVISION OF THE FOOTBALL LEAGUE AND ALSO WON THE F.A. CUP



M.C.C. CRICKETER WILLIAM WARD SCORED 278 AT LORDS IN 1820 — AND THIS REMAINED A RECORD FOR THE GROUND FOR 105 YEARS



Sporting Flashbacks

A PERISCOPE 30 FEET HIGH WAS SET UP ON THE GOLF COURSE AT ABERDOVEY, N. WALES, SO THAT PLAYERS COULD SEE THE THIRD GREEN (OTHERWISE OBSCURED BY SAND-HILLS) 165 YARDS AWAY

COINS SHAKESPEARE MAY HAVE HANDLED

Thousands of people have found place among their treasures for a set of coins of our new Queen's reign. Wise ones have gone further, and set beside them one or two coins of Elizabeth I. Together they serve as a reminder that it is "up to us" to make the Second Elizabethan age as glorious in adventure and as splendid in achievement as the first.

The silver coins of Elizabeth I are fascinating things. Only a few thousand recognisable ones exist, half of them in museums and private collections, and there is an interesting reason for this.

Henry VIII, Queen Elizabeth's father, debased the coinage. He mixed with the silver as much as two-thirds copper, so as to make cheap coins to pay the expenses of government. It gave his face, on his coins, a reddish appearance and earned him the nickname of "Old Copper-Nose."

One of Elizabeth's first acts on ascending the Throne was to issue new money of the purest silver ever used for English coins. This good money stayed in use longer than any on record—as late as the reign of William III—and then was "called in" and melted down.

That is why there are so few about—just those which had been

buried, or stowed in forgotten corners of Elizabethan houses and only discovered centuries later. Yet how romantic they are, those that remain, coins that may once have been in the hands of Shakespeare or Drake.

Nearly all of them were minted by hand. Striking one letter at a time, the Mint mechanics often could not get in all the inscription POSVI DEVM ADIVTOREM MEVM (I have put my trust in God); so they often left out one or two Ms.

ORIGIN OF MILLING

Only when it was mechanised by the introduction of a horse-mill or water-mill did the Mint at the Tower of London produce perfect coins. (That is what "milling" meant originally; it had nothing to do with the barred edge, which came many years later). But the officials of the day frowned on the new-fangled idea and managed to pigeonhole it after only four issues.

The Elizabethan coins now to be had are shillings, the price, in those days, of a sheep; sixpences; groats (4d.), the day's pay of Drake's seamen; threepences, the daily wage fixed by law for a labourer in winter time; half-groats (2d.); threehalfpences (very rare); and

pennies and three-farthing pieces (also scarce). The smaller coins bore a lovely Latin compliment to the Queen—ROSA SINE SPINA, the rose without a thorn.

Most romantic of all are the sixpences, for it was the custom among Elizabethan lovers to bend a sixpence and give it to their sweethearts as a keepsake. That explains the old nursery rhyme:

*I found a crooked sixpence
Beside a crooked stile . . .*

Each one of Elizabeth's coins bears a mint-mark, showing in what year it was struck. All sorts of picturesque emblems were chosen: the fleur de lys of France; the ermine's tail, the martlet (mythical bird which was supposed to have no feet), and the portcullis.

But one of the most interesting of all is the scallop shell, which pilgrims who had been to the shrine of St. James at Compostella in Spain brought back home as a souvenir.

If they were poor they displayed it when they sat on the roadside begging alms; and that is why, to this day, small boys often rig up little heaps of shells and stones and greenstuff about St. James's Day (July 25) and beg passers-by to "please remember the grotto."

PIONEER NURSE OF MOROCCO

A CN correspondent recently met the first Moroccan peasant girl ever to become a nurse—17-year-old Fatima Driss, whose home is in a village some 20 miles from the ancient city of Fez.

In Morocco girls still live in seclusion, and may only venture into the streets if they are heavily veiled. It is almost unknown for any of them to train as nurses, and for a peasant girl to do so was unheard of.

Fatima had seen enough of the widespread suffering caused by disease in her country to realise the dire need of native doctors and nurses, and in spite of the prejudice against her, she resolved to become a nurse.

At her village school she obtained her leaving certificate, not long ago, and applied for training at the hospital in Fez. Her courage must have taken her elders' breath away, but to her delight she has been accepted.

The CN correspondent met her at her former school, where she had gone to report her success to the headmistress. "She is a real pioneer for her country," said the teacher, "and we are all very proud of her."

HARVARD HOUSE IN DANGER

Harvard House at Stratford-on-Avon is being ravaged by the death-watch beetle, and the fabric of the building has been seriously weakened.

It is a 16th-century house built by Thomas Rogers, an alderman of Stratford. His daughter Katherine married Robert Harvard of London, and they were the parents of John Harvard, founder of the famous American University.

Reconstruction has already begun, but it is estimated that to make full restoration possibly £25,000 is needed, much of which must come from gifts, for endowments and admission fees to the house are not sufficient.

THE LOST WORLD—Picture-story of Sir Arthur Conan Doyle's famous thriller (7)



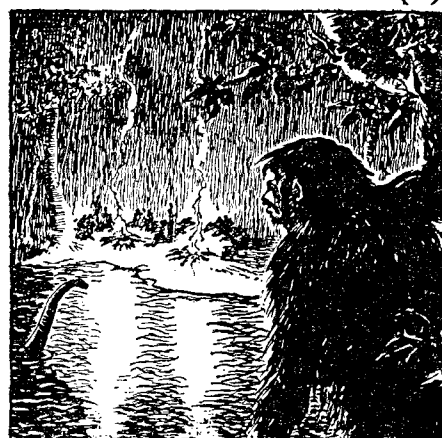
Lord John, hearing his friend's cry, dashed to the scene and fired. He missed, but the ape-man dropped Malone and vanished. Malone was not injured, but the party decided to leave this dangerous spot. The Indians acted as guides, while Challenger speculated on their presence on the plateau. He said their ancestors must have come from the outside world and had been unable to return.



At the lake they met a crowd of Indians who had come in canoes, presumably to try to rescue their comrades from the ape-men. An Indian addressed them, evidently explaining how these white strangers had saved him. The Chief then asked the white men a question, pointing to the woods. He wanted their help in an attack on the ape-men. The four discussed it and then nodded agreement.



It was too late to attack that day, and the Indians settled down on the lake-shore. In astonishment the white men saw some of them driving an iguanodon—they kept these, dull, docile creatures like cattle! That explained the queer marks on the iguanadons' shoulders—marks of ownership! The Indians killed the giant reptile and cut out slabs of meat to roast for supper on their camp fires.



It was a strange little army that fell asleep that night beside the lake; 20th-century Europeans with rifles, and a lost tribe of Indians armed with spears, stone axes, and bows and arrows—all waiting for the dawn, when they would start a life-and-death struggle with beings that were half men, half ape! In the lake, serpentine heads occasionally projected, while crawling forms dotted the sandbanks.

How will the queer battle between the "Allies" and the ape-men turn out? See next week's instalment

TUESDAY ADVENTURE

by John Pudney

Fred and I go to Norway with Uncle George, and go into some old mine workings that are being used secretly by an international gang called LEL. On our side are a scientist named Malcolm Murdoch and a Norwegian boy, Hans, and his sister, Greta. I find that Uncle George and his friend Bengt Olsen are prisoners of the gang, and help to unfetter them. Then, while we are still in a dungeon, Fred is thrown in, bound hand and foot.

19. Two eggs!

THERE are times when I am delighted to see Fred's face. This was not one of them. Uncle George felt the same. "What the blazes..." he spluttered. "What do you think you're doing in here... and tied up like that?"

"I didn't come of my own accord. I was pushed," said poor Fred, as we bent down to undo him. "As for being tied up... why, it looks as if you've been on a chain yourself, Uncle George."

Uncle George made a terrible noise in his throat, then grinned.

"We ran into trouble down by the jetty," Fred explained. "I thought at first we hadn't a hope when they pulled me out of the monorail car. But they were so surprised to see me that they missed old Malcolm altogether when he made an almighty leap."

"There was a chase, of course, but I didn't see the end of it. One thing I did manage to see was Malcolm diving off the far end of the jetty straight into the dark part of the harbour, the part that goes on and on... where the aircraft came from."

"And what about you, Fred?"

"Well, they whisked me along here in a monorail car. Only one man spoke to me in English, and I think he was probably Maxim..."

"Smooth grey hair, military moustache, and a monocle?" said Uncle George.

"That's him," cried Fred. "He promised he'd pulverise the whole lot of us."

Surprise

Fred told us how he and Malcolm Murdoch had gone back round the loop until they came to a point in deeper water where a narrow ramp led off at a sharp angle. The movable light that Murdoch had produced showed a monorail line in the distance where the ramp came clear out of the water. There was only just room for them to get the car through.

Malcolm Murdoch could tell at once that the narrow gallery had recently been worked over, but the two of them had been taken by surprise when they suddenly came out into the midst of a wide quarry blazing with light where several gangs of men were operating.

The workers, some of whom were loading monorail trucks, took no particular notice of their arrival, assuming naturally enough that they belonged to the outfit. Murdoch had kept his head and driven straight past without

accelerating very much. The moment they were clear, however, he had backed off the main track into a dark opening.

Two loaded trains had passed, and Murdoch said that he did not believe they contained quassium-bearing rock. The methods they were using in the quarry were, in his view, hopeless. Pleased with this thought, he and Fred had decided to press on to meet us in the circus. But as soon as they joined the circuit, they saw that they had once again come under observation, this time from the central control.

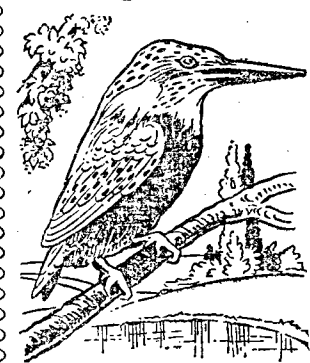
They rushed forward and took the first available exit, not knowing that it was the very channel that had been used by the two trains. All too late they found out how rash they had been.

"The time's come to take action," said Uncle George, "otherwise we shall simply be waiting here till they pulverise us. I don't think there's much hope now of anyone reaching the short-wave set on H.M.S. Dimity."

"Our present weakness," Uncle George continued in his deliberate way, "is that we're too scattered. We've got to get the whole party together before we attempt to break out. We must start by contacting Hans and Greta."

The plan was to send me up into the tunnel first to act as a scout.

It's strange but true...



... that the Laughing Jackass is not an animal, as its name would suggest, but an Australian bird of the kingfisher family.

Brown and white in colour and as large as a crow, it has a variety of nicknames. Because of its wild, noisy laughter just before sunrise and at dusk each day, it is known as the Settler's or Bushman's Clock. Another quaint name, kookaburra, almost describes the gurgling noise it makes.

Protected by law because of the valuable work it does in killing vermin, reptiles, and poisonous snakes, the kookaburra is a general favourite with everyone.

A friendly bird, it is as welcome a sight to Australians as the robin is to us in the British Isles.

It was up to me to report on conditions in the circus, to get an idea of the extent to which the wrecked monorail car had blocked the tunnel and whether there was room for us to get past it—for our first task was to go back into the loop to find the others.

After listening carefully at the trapdoor, we guessed that the crew had abandoned the wrecked car and probably returned to central control to report. Luckily for us, the trap opened inwards, for, when we opened it cautiously, we found that the remains of the rail and other wreckage had been slung against it. I should have to clear these obstructions out of the way before the others could get through.

Discovery

"I wonder if you'd take this haversack, Fred?" I said, unslinging it. "I'll be able to squeeze my way through much easier if I'm not wearing it."

"Better let me take that," said Uncle George. "But what's this? Why, it's my haversack!"

"Oh, yes, Uncle George, I forgot to mention that. We picked it up in the speedboat and took it along with us. I'm afraid we've been living off your rations."

"To blazes with the rations!" spluttered Uncle George. "Did you unpack anything else?"

"I don't think we did."

"Then you've behaved with unusual intelligence!" Uncle George delved into the haversack, flinging out rations and clothes in all directions.

"Carefully, Uncle George. There's the Flashray camera in there."

"Nonsense, I never packed that."

"Oh, we just happened to have it with us," Fred quavered a little uncertainly, "and stowed it in the top of the haversack for safe keeping."

To our relief, Uncle George was not interested, but merely handed it to Bengt. Then he snorted with delight. "Here we are, safe and sound, just as I packed them. Two of my best eggs! Shine a light, one of you."

The beam of the torch shone down into the bottom of the haversack, revealing two square boxes—the boxes in which we knew Uncle George kept his home-made grenades and bombs.

"This is going to simplify matters no end. Up with you into the tunnel," said Uncle George, taking hold of me, "and let's have Fred up there too. Get the stuff cleared away from the trap, then one of you report on the wreck and the other have a look at the circus."

Fred and I squeezed through the trapdoor and cleared away the wreckage. Then I crawled along to the mouth of the tunnel. There was nobody in the central control, but there were several groups of men working round it. They seemed to be about to start the only remaining monorail car.

Continued on page 10



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PIONEER OF ROAD SAFETY

A reminder that the need for road safety has existed for a long time is given by an oil portrait which has been acquired by the Liverpool City Art Gallery.

The painting is of John Hastings, who pioneered the idea of pedestrian refuges, or traffic islands.

John Hastings was born in 1800 in Dumfriesshire, but went to Liverpool at the age of 22 to open a saddler's shop in busy Lord Street. As the years went by he became more and more aware of the danger of crossing busy roads, and he conceived the idea of a refuge halfway across.

His plans, however, were rejected by the town council and the police.

But in 1861, when a prominent Liverpool stationer was killed by an omnibus while crossing the road near the very spot that Hastings had suggested for a refuge, his idea was quickly taken up. The following year six refuges were placed in the town.

STAMP NEWS

NORFOLK ISLAND has issued a set of six stamps commemorating the landing and settlement of the Pitcairn Islanders 100 years ago.

LIECHTENSTEIN plans to issue a special four-value series next month in honour of the Boy Scout Movement.

THE Australian Young Farmers' Clubs will soon celebrate their 25th anniversary. To mark the occasion Australia will issue her first two-colour commemorative stamp.

A NEW series of stamps proposed in Belgium will aim to promote "European understanding."

NEW ZEALAND'S two annual Health stamps for this year will depict a Girl Guide holding aloft a banner and a Boy Scout cooking over a camp fire.

SPORTS SHORTS

THE Fourth Test Match between England and Australia starts at Headingley, Leeds, on Thursday. This is undoubtedly an unlucky ground for English cricket, for we have yet to beat Australia there in a Test. Of the nine previous games at Headingley, four have been won by our visitors, and the others have been drawn.

SATURDAY will be a red-letter day for Roly Jenkins, the Worcestershire spin bowler, who will be taking his benefit in the match with Leicestershire, at Worcester, where he was born 37 years ago. He made his County cricket debut in 1938, and has played in nine Tests. One of cricket's "comedians," Jenkins enjoys every moment of every game.



Wynne Mattinson, 20-year-old Cambridge student, receives a lesson in handling a paddle during a course in canoeing at Bisham Abbey, on the Thames.

CRICKET and speedway Test matches between England and Australia have become a regular feature of the sporting world. Now we are to see a series of matches between English and Australian cyclists. The first of these meetings takes place on Saturday at Herne Hill, when England will be represented by Reg Harris, four-times world champion, and former British champion Cyril Bardsley, and Australia by Sid Patterson and Russell Mockridge.

THE British badminton team which has just started its 16-match tour in South Africa, is the youngest ever to represent Britain overseas. The youngest of the men is Tony Jordan, who is only 19, while the three women members, June White, Iris Cooley, and Elizabeth O'Beirne are all in the early 20s.

IN a cricket match between two London schools, Archbishop Temple School beat Santley School without any of their batsmen scoring a run. Santley batted first and were all out for eight. Archbishop Temple School won the match after nine extras had been scored.

OF the 23 athletes who started in the recent 24-hour walking race at Motspur Park, only four finished the distance. The winner was Claude Hubert, 41-year-old French bricklayer, who covered 125 miles 1591 yards.

THE excitement which has been steadily mounting in France reaches its climax this Sunday when the winner of the 50th Tour de France cycle race is proclaimed. The course of this gruelling 3000-mile race passes through Italy, Switzerland, Luxembourg, Germany, and Belgium.

GORDON PIRIE, who recently broke the world six miles record with a time of 28 minutes 19.4 seconds, has run nearly 4000 miles in training since last July.

TUESDAY ADVENTURE

Continued from page 9

Maxim spoke into his microphone inside the cabin. Then he switched it off and came outside, gesticulating angrily, pointing first to our tunnel then to the one next to us, from which Fred and Murdoch had emerged.

They were having trouble with the starting of the monorail car, and it seemed to me that Maxim was ordering them all toward the other tunnel, no doubt to make sure of trapping Hans and Greta there or in the loop.

This was good enough. The fact that they were not coming directly back to work on the wreck would give Uncle George and Bengt time to come out through the trapdoor. I scuttled back and reported into the dungeon. "It's all clear. It looks as if they are all making for the other tunnel."

"Splendid! Give us a hand," Uncle George called back cheerfully. "Now the sparks are going to fly," he muttered, as he crawled out into the tunnel.

But he had hardly got to his feet when too many sparks began to fly at the same time.

Bengt Olsen called out: "Get a move on there! Somebody's opening the door."

At that moment Fred rushed up and said, "There's another monorail car without any lights coming up behind the wreck."

It was the sort of situation Uncle George likes. "Go back. Hide up and watch," he snapped at Fred. Then, almost in the same breath he said: "Quick, Bengt. Take my hand and heave; but shut the trapdoor as you come up. They mustn't see how we got out."

I heard the grating of the heavy prison door as Bengt arrived, shutting the trap quietly behind him. There followed the muffled sound of angry voices in the dungeon, calling in broken English: "Come on out. We're going to settle you."

Then came a fusillade of shots from inside the dungeon.

To be continued

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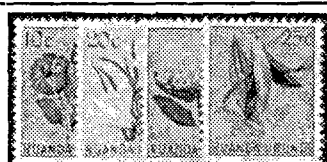
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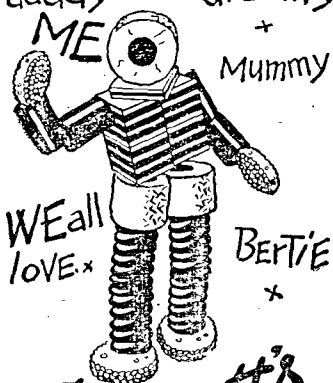
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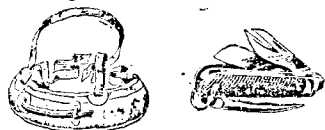
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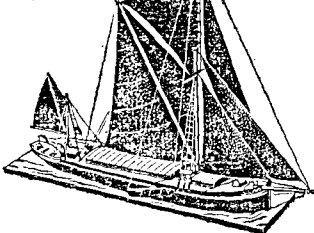
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PYLONS OF PROGRESS

The Changing Landscape of the Highlands

Across the central Highlands of Scotland the pylon-erectors are thrusting in concrete foundations during these summer weeks, preparatory to the coming of the airy electric cables which span the glens and the mountains.

Lovers of the landscape regret their coming, but a CN correspondent who has been surveying the march of the pylons reports on them as pylons of progress.

One of the most spectacular marches of the pylon men is across the 20-mile stretch of the Corrie-yairack Pass, between Laggan Bridge and Fort Augustus. That was the road which, more than 200 years ago, General Wade built to carry his guns from east to west in the Highlands when he began his campaign to bring peace to the Highlands.

ENGINEERING TRIUMPH

General Wade believed in roads as well as guns. He built the great main road to Inverness, and the road from Inverness to Fort William.

His Corrie-yairack road was intended to link the two. It is one of the highest roads in Britain, reaching to over 2500 feet, a piece of road engineering rarely equalled in our highway history.

No wheeled traffic goes over it now except the jeeps and tractors of the pylon men, who are using Wade's military road to bring some

of the modern blessings of peace to the Highlands.

Water power from the great lochs is now being used to provide electricity, and the pylons are carrying it over the burns and the mountains, bringing light and power to many a lonely shepherd's cottage.

Wade's road over the mountains, seven feet wide and still sound enough to carry modern wheels, is the basis of this new march of peace in the Highlands.

HUMP-BACK BRIDGES

His bridges, too, are still there—little hump-back stone creations. There are over 40 of them in various parts of the Highlands, and on the Corrie-yairack track three of them still serve to carry the footslogger as he breasts the road over the mountains.

High up in the pass an Irish workman told our correspondent that he was amazed that the track was so good after 200 years. General Wade himself was an Irishman, although he used English surveyors and learned his road lore under Marlborough in the Low Countries. He made his mountain road, as Napoleon did in the Alps, to carry guns as well as men.

But now the pylon men are using it to bring some of the gifts of progress to a remote countryside without spoiling its beauty.

C.N. Competition No. 32

50 FOUNTAIN-PENS AS PRIZES!

Good News... another interesting contest for all CN readers under 17 living in Great Britain, Northern Ireland, and the Channel Islands. Entry is free, and there are 50 of the latest Scroll fountain-pens to be won!

This week the puzzle is about Group Terms—that is, terms describing a number of things; for example, we say *SWARM* of bees, or *LITTER* of puppies. Can you complete the ten phrases below by fitting the objects shown in each picture to one of the terms? There is *HERD* of buffaloes, for a start. Now find the others.

Write your answers clearly in a neat list on a postcard or sheet of plain paper, and underneath give your full name, age, and address. You must also stick or pin to your entry the CN token (cut from the foot of the back page of this issue), and ask a parent or guardian to sign the entry as your own unaided work.

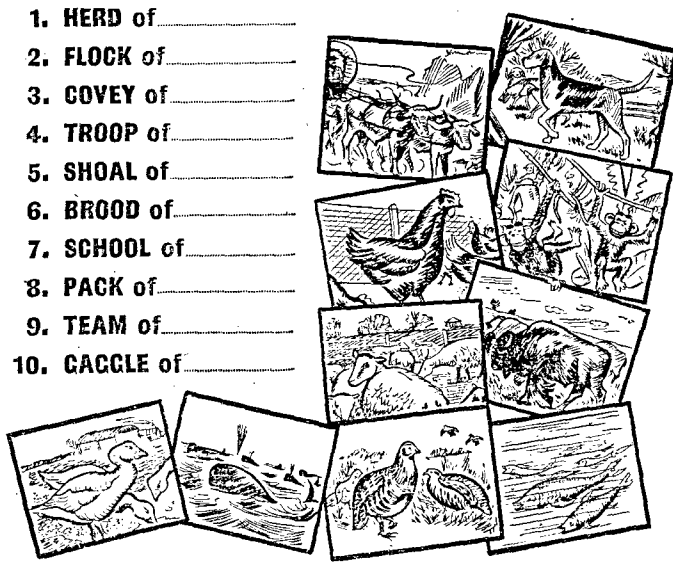
Address your card or envelope to:

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to arrive by Tuesday, August 4, the closing date.

The 50 prize fountain-pens will be awarded for the best correct entries, writing, general neatness, and age being taken into consideration. The Editor's decision is final.

1. HERD of
2. FLOCK of
3. COVEY of
4. TROOP of
5. SHOAL of
6. BROOD of
7. SCHOOL of
8. PACK of
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THE BRAN TUB

SAMMY SIMPLE

SAMMY went to a fortune-teller at a fair and asked: "Will you tell me my fortune?"

"Yes. Five shillings," came the demand.

"Wonderful!" said Sammy; "that's all the fortune I have in the world."

On this day . . .

JULY 25 is the anniversary of the martyrdom of St. James the Apostle. He is the patron saint of Spain, in which country it is said his body arrived miraculously.

Legend tells that when the headless body of the saint was being carried in a marble ship to Compostella in Spain, it passed over a drowning horse and rider, but through the power of James they were saved. As the man rode out of the water scallop shells were seen to have covered his cloak, and shells have since become the emblem of this saint.

BEDTIME CORNER

How to play with your dog

Yes, there is a right way and a wrong way of playing with your dog! Here are a few hints for those of you who have a dog or hope to get one.

If possible get a springy rubber ball; these are so much more fun, and your pet will love leaping after it as it bounces up and down.

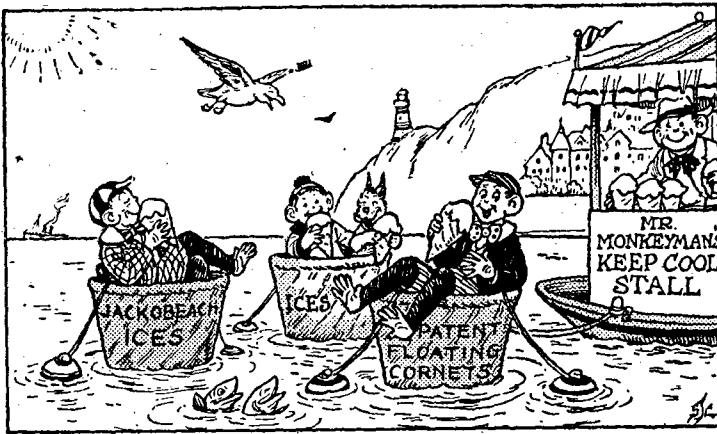
Do not play with a hard ball; they are usually heavy and therefore tiring to the jaw, and



if it accidentally hits your dog, it will probably scare him off playing and romping with you for some time.

Always lob the ball, never

JACKO AND COMPANY ALL AT SEA



Mr. Monkeyman at Jackobeach has a floating ice-cream stall with big floating cornets for the customers to sit in. Jacko, Chimp, Baby, and Bouncer take full advantage of the service. "We may be all at sea," said Jacko, "but we certainly are enjoying it."

What is it . . .

WHICH occurs twice in every moment, once in every minute, but never in a thousand years?

The letter m

CHAIN QUIZ

Solutions to the following clues are linked, the last two letters of the first answer being the first two letters of the second answer, and so on.

1. Great French port at the mouth of the River Loire; Henry IV of France signed here, in 1598, the famous Edict granting freedom and rights to the Huguenots (French Protestants).

2. An African grass used in paper-making; sometimes grown in England for ornament.

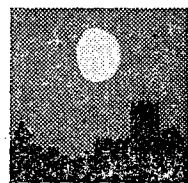
3. Bird found in tropical America; has a very large bill; brings up its food for mastication after swallowing.

4. Province of ancient France which gave its name to the line of English kings starting with Henry II and finishing with Richard III.

Answer next week

OTHER WORLDS

IN the evening Saturn is in the south-west. In the morning



Wednesday evening, July 22.

Venus and Jupiter are in the south-east. The picture shows the Moon as it will appear at half-past eight on

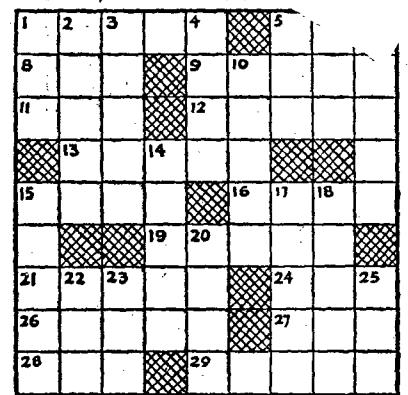
Crossword Puzzle

READING ACROSS. 1 Ribbons. 5 Prosecute. 8 Devoured. 9 Collect. 11 Droop. 12 Garden parties. 13 In the future. 15 Friend. 16 Black and white make it. 19 Implore. 21 Where cowboys show their skill. 24 Noise. 26 Nautical stop! 27 Frozen water. 28 Laboratory. 29 Struck.

READING DOWN. 1 Sunburn. 2 Coral reef. 3 Foot-lever. 4 Unharmed. 5 Rested. 6 Employ. 7 Attempt. 10 Combine. 14 Classes. 15 By the ear. 17 Wire-less. 18 Order. 20 Large amounts. 22 Eggs. 23 Flat fish. 25 Born.

Answer next week

The Children's Newspaper,



Legend of the pansy

ACCORDING to a German legend, pansies were once sweetly scented. They grew mostly in cornfields and as they possessed healing properties they were much sought. Unfortunately, people trampled on the corn in their search for the lovely blooms.

This so distressed the pretty pansies that they asked the gods to take away their precious scent. This unselfish request was granted, and from that time pansies have been scentless.

Roddy



"I've thrown the anchor overboard, Daddy, as you said; but shouldn't it have a chain on it?"

Supersonic?

A CRICKETER hailing from Castor, At pace-bowling proved himself master;

Yet his big brother Dick, Bowled quite three times as quick, While their dad slung them down even faster.

Well hit, sir!

JOHN DRIVER has been the star batsman of the school team so far. His score last Saturday was twice as much as his score the previous Saturday, and that was three more than the score before it, which was twice as much as the score before that. His aggregate for these four innings is 126. How many did he score last Saturday?

Answer next week

FARMER GRAY EXPLAINS

LURKING LOACH. Don peered into the stream; an odd-looking fish, narrow, with greenish-black back and yellow sides, lurked beside a big stone.

"What was it?" Don asked Farmer Gray as the fish suddenly disappeared.

"A loach," replied the farmer. "They are sluggish fish, which keep to the stream's bed, often hiding beneath stones. Six delicate feelers hang from its upper lip, helping it to discover the whereabouts of the worms and insects on which it feeds. The loach's mottled colouring blends with its surroundings, making it difficult to spot."

Hidden places

BOTH north and east winds are my first;

My next's a brook, it would appear.

In Berwickshire my whole is found;

A famous regiment was once raised here.

Answer next week

LAST WEEK'S ANSWERS

Repeat. DECADE, CHURCH, PERISCOPE, TOMATO, DECADE
Chain Quiz. Quail, Iliad, Adelphi, Hindustani
Not a rhyme. Farm, warm, dash, wash, watch, match, lost, post

The Story of WRIGLEY'S Chewing Gum

7. Shaping the Pellets

THE LUSCIOUS BLEND OF CHICLE AND FLAVOURING IS PLACED IN A MACHINE THAT ROLLS IT OUT INTO THE REQUIRED THICKNESS, THEN THE MACHINE MARKS IT OFF AND CUTS IT OUT INTO THE FAMILIAR PELLET SHAPE YOU KNOW SO WELL...

.... IT WON'T BE LONG BEFORE IT IS READY FOR YOU TO CHEW AND ENJOY. BUT JUST THINK - IT STARTED LIFE IN BRITISH HONDURAS, MILES ACROSS THE SEA.

...YOUR 2P HAS HELPED TO SHIP IT TO ENGLAND - WHERE IT GOES INTO THE MAKING OF DELICIOUS REFRESHING WRIGLEY'S CHEWING GUM. YES, THERE'S BIG ENJOYMENT IN THESE LITTLE PACKETS!



Cut this out for your Scrapbook

